

# Gnet Dashcams – Parking Mode

## What is “Parking Mode”?

Parking mode is the ability for a dash camera to record while the vehicles ignition is off. It is often the most misunderstood feature of modern dash cameras.

Parking mode can be programmed to:

- Record continuously until the lower voltage safety turn off voltage is reached
- Detect and record movement
- Detect and lock impact video files

Please consult the owner’s manual if you wish to change our default setup. Parking mode has limitations so let’s talk about what it can and cannot do.

- No camera brand has indefinite parking mode
- Front only cameras can only record forward of the vehicle (a tip to remember when parking)
- Cameras can record in “low light”, but not “no light” unless you have an infra-red camera

## How does it work?

There are two methods used to enable a camera to record with the ignition off.

1. Cheap dashcams (many eBay, bulk store type products) have an internal **Lithium chemistry** battery, this is charged while the engine is running and when the ignition if off it can power the camera until that battery is flat. The problem with this method is Lithium batteries can be unstable, most people are aware of mobile phones and laptops with exploding batteries. In addition, these batteries do not tolerate heat well so the top of your windscreen is not ideal. In short they are a fire and safety risk. **No product supplied by Nu-Line contains a Lithium battery for these reasons.**
2. Gnet dashcams do not contain a battery, instead they are hard wired to your vehicles electrical system. This is reliable and safe. To prevent flat car batteries the Gnet cameras are pre-set to turn off when your car battery reaches 12.3 volts. This will safely allow the engine to start. For additional protection some models have a parking mode “timer” function as well.

## How long will parking mode last?

Parking mode will allow recording on the average new vehicle from four to twelve hours. These are AVERAGE figures. Parking mode can record UNTIL your cars battery reaches the pre-set lower safety limit. The camera will then “sleep” to prevent a flat battery. Parking mode is designed for short operations such as shopping centre trips, not long airport stays. We err on the side of caution and pre-set a higher voltage cut off leading to a shorter parking mode. This being said the times will vary greatly between vehicles due to factors such as battery size, charge level and temperature.

## My camera was off and rebooted when I started the car

You heard the message “shut down the system to protect battery of the car” when you start the engine. All Gnet cameras are set to go to sleep when your battery reaches a lower level of 12.3v. This is to protect you from a flat battery and it is a normal function of the system.

You can lower the sleep voltage (to lengthen “parking mode”) but we strongly recommend no lower than 12.0v. **Some cars will start with under 12v in the battery but many won’t.**